



Part Number	SSD2383	SSD2388
Display Features		
Max. Display Size	132 RGB x 132	176 RGB x 220
Display Color	262K / 65K / 4K	262K / 65K
Source Driver Output Voltage Level	64 Levels	64 Levels
DC Characteristics		
Core Voltage Supply	2.3V - 2.6V (internal generated / external supply)	Connected to analog voltage supply
Interface Voltage Supply	1.65V - 3.0V	1.8V - 3.6V
Analog Voltage Supply	2.3V - 3.3V	2.5V - 3.6V
Gate Driver Output Voltage	-	0V - 18V
Source Driver Output Voltage	0V - 5.2V	0V - 11.5V
On-chip DC-DC Charge Pump	For source high voltage: 2X, 3X	For gate high voltage: 5X, 6X For source high voltage: 4X, 5X
MCU Host Interface		
Parallel Interface	8/9/16/18-bits	8/16-bits
Serial Peripheral Interface	✓	✓
Controller Features		
Programmable Gamma Correction Curve	Curves for each RGB component	Curves for each RGB component
Programmable Duty Cycle	1/16 to 1/132	1/16 to 1/220
On-chip Memory	132 x 132 x 18 bits	176 x 220 x 18 bits
On-chip Oscillator	✓	✓
Gate & Source Scan Direction	✓ (No gate)	✓
Split Screen Display	-	-
Vertical Scrolling	✓	✓
Horizontal Scrolling	✓	✓
Graphic Acceleration Command Set	-	✓